

REMARKS

Reconsideration and allowance of the subject application are respectfully requested.

Upon entry of this Amendment, claims 1-11 are pending in the application. In response to the Office Action, Applicant respectfully submits that the pending claims define patentable subject matter.

As a preliminary matter, Applicant thanks the Examiner for indicating that dependent claims 2-11 would be allowable if rewritten in independent form. However, Applicant respectfully requests the Examiner to hold in abeyance the rewriting of these claims until the Examiner has had the opportunity to reconsider the rejected parent claims in light of the arguments presented below in support of the Applicant's traverse of the rejection.

Claim 1 is rejected under 35 U.S.C. § 102(b) as being anticipated by Kumar (U.S. Patent No. 6,005,894). Applicant respectfully submits that claim 1 would not have been anticipated by or rendered obvious in view of Kumar.

Claim 1 is directed to a “receiver that accepts a high frequency signal containing both a digital broadcasting signal and an analog broadcasting signal which are associated with one channel and converts the high frequency signal into an intermediate frequency signal.” Claim 1 requires in part:

switching means for, when the requirement satisfaction determination signal delivered thereto from said carrier determination means indicates that the group of carrier signals doesn't satisfy said predetermined requirement while said receiver is receiving the digital broadcasting signal, switching to reception of the analog broadcasting signal, and for, when the requirement satisfaction determination signal delivered thereto from said carrier determination means

indicates that the group of carrier signals satisfies said predetermined requirement while said receiver is receiving the analog broadcasting signal, switching to reception of the digital broadcasting signal.

Kumar discloses a method and system for the transmission and reception of a composite radio-frequency (RF) signal including a supplemental signal, representing encoded digital information, together with an analog signal which represents monophonic analog audio in the AM-band. For each transmitted codeword, part of the codeword information is replicated by modulated signals in both the upper outer and lower outer sidebands, preferably with diversity delay between the outer sideband signals.

In support of the rejection of claim 1, the Examiner cites FIGS. 18 and 19 and column 31, line 40+, specifically column 33, lines 25-51, of Kumar. However, Applicant respectfully submits that it is quite clear that the cited drawings and portions of the specification of Kumar do not teach or suggest switching to reception of the analog broadcasting signal or the digital broadcasting signal based on whether a requirement satisfaction determination signal indicates that a group of carrier signals satisfies a predetermined requirement, as required by claim 1. Instead, Kumar discloses demodulating received digital signals in the upper outer sideband, the lower outer sideband, and an inner sideband, in order to determine duplicate demodulated source bit information for each redundantly transmitted codeword that is made up of source bit information, determining for each codeword whether the source bit information for the codeword that is redundantly transmitted in the upper outer sideband or source bit information for the codeword that is redundantly transmitted in the lower outer sideband is less likely to be

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erroneous, and selecting the demodulated source bit information determined to be less likely erroneous.

Accordingly, Applicant respectfully submits that claim 1 should be allowable over Kumar because the cited reference does not teach or suggest all of the features of the claims.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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23373

CUSTOMER NUMBER

Date: August 17, 2006